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To the Honorable Assistant Secretary and Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies) thereof.

1. Name of conveying party(ies): Nobuhiro ARAKI

2. Name and address of receiving party(ies): Name: Matsushita Electric Industrial Co., Ltd.

3. Nature of conveyance: X Assignment, Execution Date: March 15, 2002

Street Address: 1006 Oaza Kadoma, Kadoma-shi, Osaka 571 Japan. 04-29-2002 d? No



4. Application number(s) or patent number(s): 102071515

If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) 09/686,934, filed October 12, 2000

5. Name and address of party to whom correspondence concerning document should be mailed: Name: WENDEROTH, LIND & PONACK, L.L.P.

6. Total number of applications and patents involved: 1. 7. Total fee (37 CFR 3.41): \$40.00. X Enclosed (Check No. 498666)

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9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Dhiren R. Odedra, Reg. No. 41,227 Signature April 22, 2002 Date

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04/26/2002 6TOW11 00000001 09686934 01 FC:581 40.00 DP

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned

Insert Name(s)  
of Inventor(s)

Nobuhiro ARAKI

Insert Name(s)  
of Assignee(s)

the undersigned hereby sell(s) and assign(s) to

Matsushita Electric Industrial Co., Ltd.

Address

of 1006, Oaza Kadoma, Kadoma-shi, Osaka, 571 Japan

(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 USC 100, in the invention known as

Title of  
Invention

SPECTROMETRY MEASURING APPARATUS

for which an application for patent in the United States of America has been executed by the undersigned on

Date of Signing  
of Application

March 15, 2002

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of WENDEROTH, LIND & PONACK, L.L.P., 2033 K Street, N.W., Suite 800, Washington, D.C. 20006, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 15, 2002, Name of Inventor Nobuhiro Araki  
Nobuhiro ARAKI

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

Date \_\_\_\_\_, Name of Inventor \_\_\_\_\_

(This assignment should preferably be acknowledged before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here.)

Witness Seishi Araki

Witness Hiromitsu Nakano

### ACKNOWLEDGEMENT

\_\_\_\_\_ ss

This \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me  
personally came the above-named \_\_\_\_\_

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

\_\_\_\_\_  
Official Signature

SEAL

\_\_\_\_\_  
Official Title

The above application may be more particularly identified as follows:

U.S. Application Serial No. 09/686,934 Filing Date October 12, 2000

Applicant Reference Number P23623-01(I.S.YNAKAO) Atty Docket No. 2000-1306A

Title of Invention SPECTROMETRY MEASURING APPARATUS